

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: May 23, 2001, 14:17:50 ; Search time 12.7 Seconds

(without alignments)
665.573 Million cell updates/sec

Title: US-08-883-036A-2

Perfect score: 2327

Sequence: 1 MEORGONAPASGARKRHGP.....HLSSGKFMYLEGNADSAMS 440

Scoring table: BLOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 185757

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*

2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*

3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*

4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*

5: /cgn2_6/ptodata/2/1aa/PTUS.COMB.pep:*

6: /cgn2_6/ptodata/2/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2327	100.0	440	US-08-883-036A-2	Sequence 2, App11
2	464.5	20.0	368	US-08-651-579-2	Sequence 2, App11
3	262	11.3	51	US-08-883-036A-4	Sequence 4, App11
4	215	9.2	455	US-08-050-319B-25	Sequence 25, App1
5	215	9.2	455	US-08-321-668-2	Sequence 2, App11
6	215	9.2	455	US-08-837-941-2	Sequence 2, App11
7	215	9.2	455	US-08-126-016-2	Sequence 2, App11
8	215	9.2	455	US-08-465-982-25	Sequence 25, App1
9	215	9.2	455	US-08-815-469-5	Sequence 2, App11
10	212	9.1	428	US-08-815-469-2	Sequence 2, App11
11	203.5	8.7	417	US-08-815-469-4	Sequence 6, App11
12	201	8.6	335	US-08-815-469-6	Sequence 6, App11
13	199.5	8.6	314	US-08-444-231-19	Sequence 19, App1
14	199.5	8.6	314	US-08-152-443A-19	Sequence 19, App1
15	199.5	8.6	314	US-08-152-443A-19	Sequence 19, App1
16	197	8.5	335	US-08-219-237B-2	Sequence 2, App11
17	197	8.5	335	US-08-409-338-1	Sequence 2, App11
18	197	8.5	335	US-09-290-640-2	Sequence 2, App11
19	197	8.5	335	US-09-290-640-2	Sequence 2, App11
20	182.5	7.8	319	US-08-974-022-45	Sequence 45, App1
21	179.5	7.7	327	US-09-290-640-66	Sequence 66, App1
22	178.5	7.7	318	US-08-385-229-4	Sequence 4, App11
23	172	7.4	461	US-08-385-229-2	Sequence 2, App11
24	172	7.4	461	US-08-650-000-2	Sequence 2, App11
25	172	7.4	461	US-09-042-785A-7	Sequence 7, App11
26	172	7.4	461	US-09-042-785A-7	Sequence 7, App11
27	171.5	7.4	119	US-08-219-237B-3	Sequence 3, App11

28	167.5	7.2	197	2	US-08-505-606-1	Sequence 1, App11
29	163.5	7.0	474	2	US-08-650-000-4	Sequence 4, App11
30	163.5	7.0	474	4	US-09-042-785A-8	Sequence 8, App11
31	163.5	7.0	474	6	5395760-4	Patent No. 5395760
32	159	6.8	486	1	US-08-243-010-1	Sequence 1, App11
33	157	6.7	285	4	US-08-804-166-6	Sequence 6, App11
34	157	6.7	285	4	US-08-910-991-6	Sequence 6, App11
35	154.5	6.6	451	3	US-08-996-139-6	Sequence 6, App11
36	154.5	6.6	616	3	US-08-996-139-6	Sequence 6, App11
37	154	6.6	158	1	US-08-050-319B-54	Sequence 54, App1
38	154	6.6	158	2	US-08-465-982-54	Sequence 54, App1
39	154	6.6	280	3	US-08-974-022-46	Sequence 46, App1
40	154	6.6	401	3	US-08-974-022-46	Sequence 46, App1
41	154	6.6	401	4	US-09-042-785A-12	Sequence 12, App1
42	150	6.4	283	5	US-08-292-549-6	Sequence 2, App11
43	149.5	6.4	355	4	US-08-804-166-2	Sequence 6, App11
44	148.5	6.4	256	4	US-08-804-166-2	Sequence 2, App11
45	148.5	6.4	256	4	US-08-910-991-2	Sequence 2, App11

ALIGNMENTS

RESULT 1

US-08-883-036A-2

Sequence 2, Application US/08883036A

Patent No. 6072047

GENERAL INFORMATION:

APPLICANT: Rauch, Charles

APPLICANT: Walczak, Henning

TITLE OF INVENTION: Receptor That Blinds TRAIL

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSER: Kathryn A. Anderson, Immunex Corporation

STREET: 51 University Street

CITY: Seattle,

STATE: WA

COUNTRY: US

ZIP: 98101

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: Apple Power Macintosh

OPERATING SYSTEM: Macintosh 7.6

SOFTWARE: Microsoft Word, Version 6.0.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/883,036A

FILING DATE: 26-JUN-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US --to be assigned--

FILING DATE: 04-JUN-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/829,536

FILING DATE: 28-MAR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/815,255

FILING DATE: 12-MAR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/799,861

FILING DATE: 13-FEB-1997

ATTORNEY/AGENT INFORMATION:

NAME: Anderson, Kathryn A.

REGISTRATION NUMBER: 32,172

REFERENCE/DOCKET NUMBER: 2625-D

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 587-0430

TELEFAX: (206) 233-0644

TELEX: 756822

INFORMATION FOR SEQ. ID NO. 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 440 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-883-036a-2

Query Match 100.0%; Score 2327; DB 3; Length 440;
Best Local Similarity 100.0%; Pred. No. 5,8e-211;
Matches 440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEORONAPAASGARRKRRHGPREGANGARRGVPTLVVAAVLLVSAESALLTQOD 60
DB 1 MEORONAPAASGARRKRRHGPREGANGARRGVPTLVVAAVLLVSAESALLTQOD 60
QY 61 LAPORAAPOQRSSPSEGLCPGHHISDGRICISCKYGODYSTMNDLFLCTRCD 120
DB 61 LAPORAAPOQRSSPSEGLCPGHHISDGRICISCKYGODYSTMNDLFLCTRCD 120
QY 121 SGEVELSPCTTTRNTVCOCEEGTFREDESPEMCRKCRGCPGMVKGDCPTMSDIECVH 180
DB 121 SGEVELSPCTTTRNTVCOCEEGTFREDESPEMCRKCRGCPGMVKGDCPTMSDIECVH 180
QY 181 KSGTRKHSERAVERTYSSPGTSPASPCSLGIIIGVTVAAVLLVAVFVCKSLMKRY 240
DB 181 KSGTRKHSERAVERTYSSPGTSPASPCSLGIIIGVTVAAVLLVAVFVCKSLMKRY 240
QY 241 LPYLKIGICGGGDEPERVDRSSQRPGEADNVLNEIVSILOPTQVPEQMEVOEPAEPTGV 300
DB 241 LPYLKIGICGGGDEPERVDRSSQRPGEADNVLNEIVSILOPTQVPEQMEVOEPAEPTGV 300
QY 301 NMLSPGESEHLLPEPAERSQRRRLVLANEGDPTETLRQCFDDPADLVFPDSWEPLMRK 360
DB 301 NMLSPGESEHLLPEPAERSQRRRLVLANEGDPTETLRQCFDDPADLVFPDSWEPLMRK 360
QY 361 IGLMNEIKVAEAGHDTLYTMLIKVNKTGRDASVHTLLDALETGERLAKOKIED 420
DB 361 IGLMNEIKVAEAGHDTLYTMLIKVNKTGRDASVHTLLDALETGERLAKOKIED 420
QY 421 HLSSGKFMYLEGNADSAMS 440
DB 421 HLSSGKFMYLEGNADSAMS 440

RESULT 2
US-08-651-579-2
Sequence 2, Application US/08651579
Patent No. 5912141

GENERAL INFORMATION:
APPLICANT: BROJATICH, JURGEN
APPLICANT: NAUGHTON, JOHN
APPLICANT: YOUNG, JOHN A. T.
TITLE OF INVENTION: TUMOR VIRUS SUSCEPTIBILITY GENES AND GENE
TITLE OF INVENTION: PRODUCTS, AND USES RELATED THERETO
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,579
FILING DATE: 22 MAY 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMT-019
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 368 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-651-579-2

Query Match 20.0%; Score 464.5; DB 2; Length 368;
Best Local Similarity 32.8%; Pred. No. 1.1e-35;
Matches 136; Conservative 50; Mismatches 158; Indels 71; Gaps 14;

QY 36 KTLVVAVAAVLLVSAESALLTQODLAPORAAPOQRSSPSE-----GLCPGHHI 87
DB 2 RSMALRLCEVLLLLLEFAVOL-----GSAAYAKKRRDRSDLOKPDLYRRKCPMGTYE 52
QY 88 SEDGRDICTCKYGODYSTHNDLFLCTRCDSGEVELSPCTTTRNTVCOCEEGTFREE 147
DB 53 ANDSTOCLPSK-KDETYEPNDPFPKLCGCTCRGREDQVEYSPCLPIRNTQCAKNGTFLCP 111
QY 148 DSP-EMCRKCRGCPGMVKGDCPTMSDIECVHESGTRKHSERAVERTYSSPGTTPA 206
DB 112 DHPCEMCKCRGCPGMVKGDCPTMSDIECVHESGTRKHSERAVERTYSSPGTTPA 155
QY 207 SPCSGLIIGVTVAAVLLVAVFVCKSLMKRYLPYLKIGIS-----GGGDPER----- 257
DB 156 ----LWIIITFTVLLAVILGLV-----FWKR-----CSSRHGGAGDGLSWKPS 198
QY 258 --VDRSSQRPGEADNVLNEIVSILOPTQVPEQMEVOEPAEPTGVNMLSPGESEHLLPEA 315
DB 199 AYVNRLLQRLGIQDNKCN--QIYQOQOQELLFTAQSEVHGVEM--EGERTPTPD- 253
QY 316 EMERSQRRLLVLANEGDPTETLRQCFDDPADLVFPDSWEPLMRKILGMDNEIKVAKAEA 375
DB 254 ---KVETQRKLVAVLGENPILALHRSFNTFYVFPPEMKRRGRALDLOENDLYLAEQHD 310
QY 376 AGHROTLYTMLIKVNKTGRDASVHTLLDALETGERLAKOKIEDHLSSGKFM 430
DB 311 RVSCPEFYOMLTWLNQOSKASVNTLLETLPRIIGLVADIIASELLSKGTFY 365

RESULT 3
US-08-883-036a-4
Sequence 4, Application US/08883036a
Patent No. 6072047

GENERAL INFORMATION:
APPLICANT: Rauch, Charles
APPLICANT: Walczak, Henning
TITLE OF INVENTION: Receptor That Binds TRAIL
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kathryn A. Anderson, Immunex Corporation
STREET: 51 University Street
CITY: Seattle,
STATE: WA
COUNTRY: US
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Macintosh 7.6
SOFTWARE: Microsoft Word, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/883,036a
FILING DATE: 26-JUN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US --to be assigned--
FILING DATE: 04-JUN-1997
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/829,536
FILING DATE: 28-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/815,255
FILING DATE: 12-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/799,861
FILING DATE: 13-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Anderson, Kathryn A.
REGISTRATION NUMBER: 32,172
REFERENCE/DOCKET NUMBER: 2625-D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 233-0644
TELEX: 756822
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-883-036A-4

Query Match 11.3% Score 262; DB 3; Length 51;
Best Local Similarity 98.0%; Pred. No. 6,9e-18;
Matches 50; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 336 ETLRQCFDDFADLVPPDSWEPLMRKLGLDNDEIKVAKAEAGHRDLYTML 386
1 ETLRQCFDDFADLVPPDSWEPLMRKLGLDNDEIKVAKAEAGHRDLYTML 51

RESULT 4
US-08-050-319B-25
Sequence 25, Application US/08050319B
Patent No. 5633145
GENERAL INFORMATION:
APPLICANT: M. Feldmann, P.W. Gray,
APPLICANT: M.J.C. Turner, F.M. Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Reed & Robbins
STREET: 635 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,319B
FILING DATE: 10-May-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Robbins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5150-0030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 455 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-050-319B-25

Query Match 9.2% Score 215; DB 1; Length 455;
Best Local Similarity 23.0%; Pred. No. 4,6e-12;
Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22;

QY 34 VPKTLVVAVALLVSAESALITQODLAPQORAAQOKRSSPSEGLCPGHHISEDGR- 92
6 VPDLLEPLVLELLVGLVPGVI---GLVP--HLGGRKEDS---VCPGKRIHPQNNNS 56
QY 93 -----DCISCKYGDYSTHMDLFLCLRCTRC--DSGEVLS 127
57 ICCTCKHKGTLYNDCPPGPDGDCRECESG--SFTASENHLRHCLSCSKCRKMGQVEIS 115
QY 128 PCTTNTNYVOCCEGTFREDSPEM--CRKCRGCGRGWYKVDCTPMSIDCVHKEESG- 184
116 SCTVDRDVTYCGCKRKNQYRHWSENLEFCFNCGL-CLNGTV-----HLSCQERQNTV 165
QY 185 -TKHGEAPAVEETVTSPTSPASPC-----SLSGIIGTVAAVVAVVAVFC-K 233
166 CTCHAGFLRENECVSCSNCKKSLCTKLCLEPQIENYKGTEDSGTVLPLVIFGLCLL 225
QY 234 SLT-----WKVPLYLKIGICSGGGDPER--VDRSSQRPAGEDVNLNEIVSIQ 280
226 SLIFGLMRYQKWKSKLISI--VC--GKSTPEKEGELEGTTKPLAPNPSFSF-----T 276
QY 281 PIVQPEQMEVQPAEPTGVNMLSPGESEHLEPAPAEKRSQRRLLVPANEG----- 332
277 PGFTPLTGFSPVPSSTFTSSITYTPGDCPNFAP-----RREVAAPYQGDPIILATA 328
QY 333 ---DPTETLRQCFDDFA-----DLVPPDSWEPLMRKLGLDNDEI-KV 370
329 LASDPIPNPLQKWEDESAHKRQSLDTPDPTLVAVENVPLPRKKEKVRRLGLSDHEIDRL 388
QY 371 AKAEAGHRDLYTMLIKVWNT-----GRDASVHTLLDALETGERL 413
389 ELQNGRLREAGYSMLATYRRRTPRREATLELLGRLVLRMDLIGCLEDEIEAL 441

RESULT 5
US-08-321-668-2
Sequence 2, Application US/08321668
Patent No. 5665859
GENERAL INFORMATION:
APPLICANT: WALLACH, David
APPLICANT: BRAKEBUSH, Cord
APPLICANT: VAREFOLOMEY, Eugene
APPLICANT: BARKIN, Michael
TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/321,668
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 11,107268
FILING DATE: 12-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.

```

?      REGISTRATION NUMBER: 25,618
?      REFERENCE/DOCKET NUMBER: WALLACH-13
?      TELECOMMUNICATION INFORMATION:
?      TELEPHONE: 202-628-5197
?      TELEFAX: 202-737-3528
?      TELEX: 248633
?      INFORMATION FOR SEQ. ID NO: 2:
?      SEQUENCE CHARACTERISTICS:
?      LENGTH: 455 amino acids
?      type: amino acid
?      TOPOLOGY: linear
?      MOLECULE TYPE: protein
?      US-08-321-668-2

```

Query Match	9.28;	Score 215;	DB 1;	Length 455;
Best Local Similarity	23.08;	Pred. No. 4.6e-12;		
Matches 109;	Conservative 62;	Mismatches 172;	Indels 130;	Gaps 22

```

0Y      34  VPKVLIVAAVALLVLSAESALLIYQDADAPQRAAPQKRSPEGLCPBPHHHSDEGR  92
      11  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      6  VPDILLPLVLELLLVIGVSGVI---GLVP---HLGDRKRPDS---VCPQGIYHPQNS  56
0Y      93  -----DCISCKYQDYSITHNDLFLCIRTC--DSEYVLS  12
Db      57  ICKTCKHKGYLLYNDCPGPGDPTDRCESG-SFLASENLHRHCSCRKREMGWEIS  11
0Y      128  PCTTTRNTVCCEEGTEFEEDSPEM--CRKCRGCPREMYVGDCPTPSMDECVHKEG-  18
      11  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      116  SCTYDRDVTVCGRKNQYHMYSENLPQGFNSL-CLNTV-----HLSQEKQMTY  16
0Y      185  -TKSGEPAVEEYVTSSPGFPASPC-----SLSGIITGYVAAVLIVAVEVC-K  23
      11  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      166  CTCHAGFLERENECVSCSNCKSECTKLCPLQIENYVKGTSRSTYVLLPLVIEFGCLL  22
0Y      234  SLI-----WKVLPYLKIGSGGGGDPER---VDRSSQPGADNVLNELYSLQ  28
      11  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      226  SLITIGLMTYRQKRSKLYSI--VC--GKSTPEKEGELEGITTPPLAPNPSFSP----T  27
0Y      281  PTVQPEQEMEYQEAPEPTGYMMLSPGESEHLLPEAEASQRRRLIYVANG-----  33
Db      277  PGTPLTIGFSVPSPSTFTSSSTYPRGDPNNAF-----RENVAPPYGADPILATA  32
0Y      333  ---DPTEFLROCFDFA-----DLVPDSWPEMLKRGIGIMNEI-KV  37
      11  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      329  LASDPINPLQKMWDSAHKPSQSLTDDBATLYAVENVPLRMKEFVYRLCLSPHEIDRL  38
0Y      371  AKAAAGHRDLYLTMLLKWNKT-----GRDASVHTLLDALLETIGRL  413
Db      389  ELQNGRCRLREQYSMLATWRRTYRREATYELLGRVTLRDMDLCLCDBIDEAL  441

```

```

1 RESULT 6
2 US-08-837-941-2
3 ; Sequence 2, Application US/08837941
4 ; Patent No. 5766917
5 ;
6 ; GENERAL INFORMATION:
7 ;
8 ; APPLICANT: WALLACH, David
9 ; APPLICANT: BRAKEBUSCH, Cord
10 ; APPLICANT: VARPOLOMEEV, Eugene
11 ; APPLICANT: BATKIN, Michael
12 ; TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF
13 ; TITLE OF INVENTION: THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
14 ;
15 ; NUMBER OF SEQUENCES: 42
16 ;
17 ; CORRESPONDENCE ADDRESS:
18 ;
19 ; ADDRESSEE: BROWDY AND NEIMARK
20 ; STREET: 419 Seventh Street, N.W., Suite 300
21 ; CITY: Washington
22 ; STATE: D.C.
23 ; COUNTRY: USA
24 ; ZIP: 20004
25 ;
26 ; COMPUTER READABLE FORM:
27 ; MEDIUM TYPE: Floppy disk
28 ;
29 ;
30 ;

```

```

1  COMPUTER: IBM PC compatible
2  OPERATING SYSTEM: PC-DOS/MS-DOS
3  SOFTWARE: PatentIn Release #1.0, Version #1.30
4  CURRENT APPLICATION DATA:
5  APPLICATION NUMBER: US/08/837,941
6  FILING DATE: 28-APR-1997
7  CLASSIFICATION: 435
8  PRIOR APPLICATION DATA:
9  APPLICATION NUMBER: US 08/321,668
10 FILING DATE: 12-OCT-1994
11 APPLICATION NUMBER: IL 107268
12 FILING DATE: 12-OCT-1993
13 ATTORNEY/AGENT INFORMATION:
14 NAME: BROWDY, Roger L.
15 REGISTRATION NUMBER: 25,618
16 REFERENCE/DOCKET NUMBER: WALLACH=13
17 TELECOMMUNICATION INFORMATION:
18 TELEPHONE: 202-628-5197
19 TELEFAX: 202-737-3528
20 TELEX: 248633
21 INFORMATION FOR SEQ ID NO: 2:
22 SEQUENCE CHARACTERISTICS:
23     LENGTH: 455 amino acids
24     TYPE: amino acid
25     TOPOLOGY: linear
26 MOLECULE TYPE: protein
27 US-08-837-941-2

```

Query Match	9.28;	Score 215;	DB 1;	Length 455;
Best Local Similarity	23.08;	Pred. No. 4.6e-12;		
Matches 109;	Conservative 62;	Mismatches 172;	Indels 130;	Gaps 22

```

QY 34 VPTILVVAANVLIVLASASALITIOODLAPORAAPOOKKSSSEEGICPGHHISDEGR 92
Db 6 VPDLLPLVLVELLGVISGV---GLVP--HIGDREKRD---VCPQKATIHQNNNS 56
QY 93 -----DCISCKYODYSTHMDLFLCLKTRC--DSGEVELS 12
Db 57 ICCTKCHKGYTYLNDPCPGPDOTDRCESG-SPTASENHRLRCLSCSKRCKEMGVETS 11
QY 128 PCYTFNRYVOCOEEGTFREDESPEM-CRKRCTGCPRGMYKVGDDCPWSDICGVHKESG- 18
Db 116 SCTVDRDYVCGCKKNOYRIYSENFQCFNCSL-CLNGIV-----HLSQOEKQNTV 16
QY 185 -TKHSEAAVEEITYTSSHPGPASPC-----SLSGIIGVTAAVAAVAVFC-K 23
Db 166 CTCHAGFLFRENECVSCSNCKKSLCTKTLCPQIENWKAGIEDSGTVLLPLVIFPGCLL 22
QY 234 SLL-----WKVLPLYKIGTOSGGGGDPER--VDRSSRCPGAEDNVNLNIVSTIQ 28
Db 226 SLTFIGIMRYORWMSKSLYSI--VC--GKSTPEKEGELSETTYTKPLAPNPSFSP---T 27
QY 281 PTVQPEQMEVQEPAPLPGVNVNLSPGSEHLEPAEAKERSQRRLLVLPANEG----- 33
Db 277 PGTPTPLGSSPPVSSSTFTSSSTYTPGDCPNAP-----RREYAPYQADPILATA 32
QY 333 ---DPTETLRQCFDDFA-----DLVPDSNEPLMRKIGLMDNEI-KV 37
Db 329 IASDPITPNFLQKWEDESAHKPQSLDTPDPAITYAIVENVPLPRKKEFVRLGTSDHEIDRL 38
QY 371 AKKEAAGHDITLYTMLIKWVKT-----GRDASVITLLDAETIGEUL 413
Db 389 ELONGKCLEAOYSMLATWRRRTPREATETELLGRVLRDMDLGGCEDEIEEUL 441

```

RESULT 7
US-08-126-016-2
; Sequence 2, Application US/08126016
; Patent No. 5811261
; GENERAL INFORMATION:
; APPLICANT: WALLACH, DAVID
; APPLICANT: NOPAR, YARON

```

APPLICANT: KEMPER, OLIVER  

APPLICANT: ENGELMANN, HARTMUT  

APPLICANT: BRAKEBUSCH, CORD  

APPLICANT: ADERKA, DAN  

TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR  

NUMBER OF SEQUENCES: NECROSIS FACTOR BINDING PROTEIN I (TBP-1)  

CORRESPONDENCE ADDRESS:  

ADDRESSSEE: Broadway and Nelmark  

STREET: 419 Seventh Street, N.W., Suite 300  

CITY: Washington  

STATE: DC  

COUNTRY: USA  

ZIP: 20004
```

```

COMPUTER READABLE FORM:  

MEDIUM TYPE: Floppy disk  

OPERATING SYSTEM: IBM PC compatible  

SOFTWARE: Patent Release #1.0, Version #1.25  

CURRENT APPLICATION DATA:  

APPLICATION NUMBER: US/08/126,016  

FILING DATE: 24-SEP-1993  

CLASSIFICATION: 435  

PRIOR APPLICATION DATA:  

APPLICATION NUMBER: US 07/625668  

FILING DATE: 13-DEC-1990  

ATTORNEY/AGENT INFORMATION:  

NAME: BROWDY, ROGER L.  

REGISTRATION NUMBER: 25,618  

REFERENCE/DOCKET NUMBER: WALLACHA  

TELECOMMUNICATION INFORMATION:  

TELEPHONE: 202-628-5197  

TELEX: 202-737-3528  

TELEX: 248633  

INFORMATION FOR SEQ ID NO: 2:  

SEQUENCE CHARACTERISTICS:  

LENGTH: 455 amino acids  

TYPE: amino acid  

TOPOLOGY: linear  

MOLECULE TYPE: protein  

US-08-126-016-2
```

```

Query Match          9.2%, Score 215; DB 2; Length 455;  

Best Local Similarity 23.0%; Pred. No. 4.6e-12;  

Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22;
```

```

    Oy   34 VKPTIVVVAANVLILVSASALITQODLAPOQRARPOKKRSSPSGSGCPRGHISEDGR- 92  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Db   6 VPDLLPLVILLLELTVIGYPSGI---GLVP--HLCDREKRDS----VCQGKYIHPONNS 56  

       -----DCISKYGADYSTHNMDLFCLRCTPC--DSEGEVELS 127  

    Db   57 ICCTCKHGKTYLYNDCPGPBGDTDCRCEESG-SFLASENHNLHCISCSCRKREMGOVEIS 115  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Oy   128 PQTTRNTNYCCCEEETFPREDSPEN--CRKKTGCGPRGVAKKGDDCTPMWDICVKRESG- 184  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Db   116 SCTVDRAVTGGCRKNQRYRHYSNNLPQCFCNSL-CLTGTV-----HTSQEQEKONTV 165  

       -----SLSGIIIGVVAAAVLVIAFAVNC-K 233  

    Oy   185 -TKHSGEPAWEEYTSSSGTPASPAC-----SLSGIIIGVVAAAVLVIAFAVNC-K 233  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Db   166 CTCHNGAFIREHECVCSGSCKSKLSLCFKLKLPQIEYNVGKTEDSGTTVLLPIVFIFGLCLL 225  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Oy   234 SLI-----WKVLPLYLGKTCGSGGDPEE--VDRSORPGAEDNVINEIYSILI 280  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Db   226 SLLFTGLMWRYOVRMSKIYSI--VC--GKSYPEKGELEGTTKLPAIPSPESP---T 276  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Oy   281 PTQVEQOEWEVOEPKAPTGNVMMLSPGESPHLLPPAEARSQRRRLILPVANEK----- 332  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Db   277 PGFTTLTGFSYPSPSTFTTSSTYYTFEGDCNFAPA-----RVAYAPPYOGADPIATA 328  

       || :| | | | | | | | | | | | | | | | | | | | | | | |  

    Oy   333 --DPETTLRGCFDDFA-----DLVFDSDMEPLMRRLGLIMDNFI-KV 370  

       || :| | | | | | | | | | | | | | | | | | | | | | | |
```

```

Db      329 LASDLPNDLQWEDSAHKPQSLDTRDDPDTLVAAYENVPPLRMRKFEFVRRLGSLDSEHIDRL 388
QY      371 AKAEAGAHBDITLYTLMIKVNKT-----GRDASHYTLTDLALETUGEL 413
Db      389 ELONGRCLEAOYSMLATWRRTPREATLELLGRLVLRDMDLGLGLEIEEAL 441

RESULT      8
US-08-465-982-25
; Sequence 25, Application US/08465982
; Patent No. 5863786
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M.Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robblins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,982
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319
; FILING DATE: 10-May-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Robblins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 455 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-465-982-25

Query Match      9.2%; Score 215; DB 2; Length 455;
Best Local Similarity 23.0%; Pred. NO. 4.6e-12;
Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22.

QY      34 VKTIVLVYAAVLLVLSAASALITQODLAPQRAARQKRRSSPSGLGCPRGHHSIDGR- 92
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      6 VDELLPLVLELLVGLIYPSVIA--GLVP--HLGDRERKDS---VCPQGGKTIHPONNS 56
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      93 -----DCISCKYGGDYSTHNMNDLFLCULRTPRC--DSGEVELS 127
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      57 ICTCTCHKTKTYLYNDPCPGGQDPTDGRCSG-SFTASENHLLRHLSCSKCRKEMGVEIS 115
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      128 PCTTRNTVYCCQCEGTFFREDSPEM--CKRCKTGCPRGVKKYKGGDCTPMADIECYHKESG- 184
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      116 SCTVTRDVTGCGGRKNQYRRHWSENLFQCFNCSL-CLNGTV-----HLSQDERQNTV 165
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      185 -KRHSGEAPAVEETVTSSTGPASPC-----SLSGIIGVTVAAVLVLAIVAVFC-K 233
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      166 CTCGAGFLIRENDCVSCSKSKSLBETKTLCLRLQIENVKGTEDSGITVLLPLVIFGICLL 225
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      234 STL-----WKVLPYLRKIGSGGGGDDPR--VDRSSORPGAEADVNLNETVSIHQ 280

```

Db 226 SLIFIGLMRYQWKSXYLSI--VC--GKSTPEKEGELEGTTRKPLAPNPSFSP-----T 276
 QY 281 PTVPEDEMEVOEPAEPTGVNMLSPGESEHLLPEAEERQSORRLVLPANEG----- 332
 Db 277 PGFTPTLGFSPVPSSTFTSSSTYTPGDCPNFAAP-----RREVAAPYOGADPILATA 328
 QY 333 ---DPTETLRQCFDFA-----DLVPPDSWEPLMRKLGMDNET-KY 370
 Db 329 LASDPIPNLQKWEDESAHKRQSLDTPDRTLYAVENVPPLRKKEVRRRLGLSDHEIDRL 388
 QY 371 AKAEAGHRDLYTMLIKVWNT-----GRDASVHTLLDALETIGERL 413
 Db 389 ELQNGRCLEAQQYSLATWRRRTPRREATLELGLRVLRMDMLGLEDIEBAL 441

RESULT 9
 US-08-815-469-5
 ; Sequence 5, Application US/08815469
 ; Patent No. 6153402
 ; GENERAL INFORMATION:
 ; APPLICANT: Yu, Guo-Liang
 ; APPLICANT: Ni, Jian
 ; APPLICANT: Dixit, Vishva
 ; APPLICANT: Gentz, Reiner L.
 ; APPLICANT: Dillon, Patrick J.
 ; TITLE OF INVENTION: Death Domain Containing Receptors
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
 ; STREET: 1100 New York Ave., NW, Suite 600
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20005-3934
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/815,469
 ; FILING DATE: HEREWITH
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: No. 6153402 yet Assigned
 ; FILING DATE: 06-FEB-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/028,711
 ; FILING DATE: 17-OCT-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/013,285
 ; FILING DATE: 12-MAR-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Steffe, Eric K.
 ; REGISTRATION NUMBER: 36,688
 ; REFERENCE/DOCKET NUMBER: 1488, 0310003/EKS/KRM
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-371-2600
 ; TELEFAX: 202-371-2540
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 455 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: not relevant
 ; TOPOLOGY: not relevant
 ; MOLECULE TYPE: protein
 ; US-08-815-469-5

QY 34 VKPTLYVVAAYVLLVSAESALITQODLAPQORAPQKRRSPSEGLCPGHHSIEDGR- 92
 Db 6 VPDLLPLVLELLVGLVIPSGLV--GLVP--HLGDRERKDS---VCPQGYIHPPUNNS 56
 QY 93 -----DCISCKYGDYSTHWNMDLFLCTRCCTC--DSEGEVELS 127
 Db 57 ICCTKCHKGTLYLNDGCPGQDPTDCRECSG--SFTASENHLHRLCSCKREKQVEIS 115
 QY 128 PCTTTRNVQCQEGEFTREDSPEM--CRKCRGCPRGVAVKGDCTPMSDIECVHKEG- 184
 Db 116 SCTVDRTVCGGCKRKNQYRRHYWSENLFQCFNCSL-CLNGTV-----HLSQCQKQNTV 165
 QY 185 -TKHSGEAAVEETVSSSGTSPAPC-----SLSGIIIGVVAAYVLIANFVC-K 233
 Db 166 CTCHAGFPLENEDVCVSCNCKSLCTKLCPLQIENVKGTEDSGTTLPLPIFFGLL 225
 QY 234 SLT-----WKVLEPYLKIGCSGGGDPER--VDRSSORPGAEEDNVLEIVSLQ 280
 Db 226 SLIFIGLMRYQWKSXYLSI--VC--GKSTPEKEGELEGTTRKPLAPNPSFSP-----T 276
 QY 281 PTVPEDEMEVOEPAEPTGVNMLSPGESEHLLPEAEERQSORRLVLPANEG----- 332
 Db 277 PGFTPTLGFSPVPSSTFTSSSTYTPGDCPNFAAP-----RREVAAPYOGADPILATA 328
 QY 333 ---DPTETLRQCFDFA-----DLVPPDSWEPLMRKLGMDNET-KY 370
 Db 329 LASDPIPNLQKWEDESAHKRQSLDTPDRTLYAVENVPPLRKKEVRRRLGLSDHEIDRL 388
 QY 371 AKAEAGHRDLYTMLIKVWNT-----GRDASVHTLLDALETIGERL 413
 Db 389 ELQNGRCLEAQQYSLATWRRRTPRREATLELGLRVLRMDMLGLEDIEBAL 441

RESULT 10
 US-08-815-469-2
 ; Sequence 2, Application US/08815469
 ; Patent No. 6153402
 ; GENERAL INFORMATION:
 ; APPLICANT: Yu, Guo-Liang
 ; APPLICANT: Ni, Jian
 ; APPLICANT: Dixit, Vishva
 ; APPLICANT: Gentz, Reiner L.
 ; APPLICANT: Dillon, Patrick J.
 ; TITLE OF INVENTION: Death Domain Containing Receptors
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
 ; STREET: 1100 New York Ave., NW, Suite 600
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20005-3934
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/815,469
 ; FILING DATE: HEREWITH
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: No. 6153402 yet Assigned
 ; FILING DATE: 06-FEB-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/028,711
 ; FILING DATE: 17-OCT-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/013,285
 ; FILING DATE: 12-MAR-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Steffe, Eric K.

Query Match 9.28; Score 215; DB 4; Length 455;
 Best Local Similarity 23.08; Pred. No. 4.6e-12;
 Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22;

```

:
:      REGISTRATION NUMBER: 36,668
:      REFERENCE/DOCREF NUMBER: 1488.0310003/EKS/KRM
:      TELECOMMUNICATION INFORMATION:
:
:      TELEPHONE: 202-371-2600
:      TELEFAX: 202-371-2540
:
:      INFORMATION FOR SEQ ID NO: 2:
:
:      SEQUENCE CHARACTERISTICS:
:      LENGTH: 428 amino acids
:      TYPE: amino acid
:      TOPOLOGY: linear
:
:      MOLECULE TYPE: protein
:
US-08-815-465-2

```

Query Match	9.18;	Score 212;	DB 4;	Length 428;
Best Local Similarity	23.08;	Pred. No. 8.1e-12;		
Matches 107;	Conservative 53;	Mismatches 177;	Indels 128;	Gaps 23

QY	17	RHGGRPR-EARGARGRGVPTLVLAVALLVLSASASALITODDLA-POORAAPOQRSS	75
Db	5	QGGEARPQRLNGESAAP-VPGALLLVILG-----ARAQGTSS	41
QY	76	P-----SEEL-----CPREHNIIS-----DGRDICSCKYGD-----YSTHNDL	110
Db	42	PRCDAGDFHKKILFFCCRCGRPACHYILKAPCTECGNSGTLVCP--ODTEFLAMNNHNS-	98
QY	111	LELCRPTCD--SGEVELSPCTTRRNIVCOOEETRE-----EDSPEMCRKC-----	156
Db	99	-ECARCQACDQASQVALENCNSAVADTRCGCKRPMFVPCOVSGCVSSSPFYCQCLDGA	157
QY	157	-----RTGCGPRGMVKGDCPTWSDIECVHKESGKHSGEARAVEETVTSRGTBPASCS-	210
Db	158	LHRHTRLILCSHRDPCGFCILG-----FYEHG--DGVSCPTSLTSGCPCERCAACGM	208
QY	211	-----LSGIITGVYAAVVLIVAVFCKSILMKKKVLPLYLKGITSGGGGGERDRS	261
Db	209	ROMFMVQVLLGLVLPRLGLGATL-----TYTRHCMPHKRLVYADENG--MEAL	255
QY	262	SORGAEADNVNLNVEYSILOTPOVEQOEWEVQ-----EPAEPTGVNMLSGES-----	308
Db	256	TPPATHTLSPIDLSAHTLLARPDSSEKICTCTYVGNISMTPGVPEIQEALCQVYTMQMQLP	315
QY	309	EHLLPEAEERSQRRRLLVPAWEGDPTEYTL--QCFDPRADVLVPEDSWEPLMKKLGCLMD	365
Db	316	SRALGPAAP-----TLSPESPASPSAMMLOPQPOLY-DVMDAVPARMKKEFVFTGLRE	369
QY	366	NEIVAKAEAGHBDVLYTMILKVNNTGRRASVHTLLDLELTG	410
Db	370	AEIEVAEVEIGRFDDQOYEIMTKRR--RQOQAPAGLGAVALAENRG	412

RESULT 11
US-08-815-469-4
Sequence 4, Application US/08815469
Patent No. 6153402
GENERAL INFORMATION:
APPLICANT: Yu, Guo-Liang
APPLICANT: NI, Jian
APPLICANT: Dixit, Vishva
APPLICANT: Gentz, Reiner L.
APPLICANT: Dillon, Patrick J.
TITLE OF INVENTION: Death Domain Containing Receptors
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave.,
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

```

1      OPERATING SYSTEM: PC-DOS/MS-DOS
2      SOFTWARE: Patent In Release #1.0, Version #1.3
3      CURRENT APPLICATION DATA:
4      APPLICATION NUMBER: US/08/815,469
5      FILING DATE: HERewith
6      CLASSIFICATION: 435
7      PRIOR APPLICATION DATA:
8      APPLICATION NUMBER: No. 6153402 Yet Assigned
9      FILING DATE: 06-FEB-1997
10     PRIOR APPLICATION DATA:
11     APPLICATION NUMBER: US 60/028,711
12     FILING DATE: 17-OCT-1996
13     PRIOR APPLICATION DATA:
14     APPLICATION NUMBER: US 60/013,285
15     FILING DATE: 12-MAR-1996
16     ATTORNEY/AGENT INFORMATION:
17     NAME: Steltie, Eric K.
18     REGISTRATION NUMBER: 36,688
19     REFERENCE/DOCKET NUMBER: 1488.0310003/EKS/RM
20     TELECOMMUNICATION INFORMATION:
21     TELEPHONE: 202-371-2600
22     TELEFAX: 202-371-2540
23     INFORMATION FOR SEQ ID NO: 4:
24     SEQUENCE CHARACTERISTICS:
25     LENGTH: 417 amino acids
26     TYPE: amino acid
27     TOPOLOGY: linear
28     MOLECULE TYPE: protein
29     US-08-815-469-4

```

Query Match	8.7%;	Score 203.5;	DB 4;	Length 417;
Best Local Similarity	23.4%;	Pred. No. 4.9e-11;		
Matches	90;	Conservative 48;	Mismatches 158;	Indels 89;
				Caps 18

QY	81	CPRHGHIE-----DGRDJSCKYGD-----YSTHNDLLFCJCRTRCD--SESEVLS	128
Db	51	CPAGHYLAAPCTBECGNSNTCLVCP--QDTFLAMENHNS--ECARCACDBQASQVALDN	106
QY	129	CTTENTVCOCEEGTFRB-----EDSPENCRC-----RTGCPRGMYKVGDT	171
Db	107	CSAVADTRCGCKPGMEVBCYQSCVSSSPFYCQPCDLCGALHRTLLCSHRDTCGTC	166
QY	172	PMSDIECHAKSSGKHKHSEAPAVEETYSSTGTASPCS-----LSGIIIGTVA	221
Db	167	PG-----FYEHG-----DQVSCSPTSTLSCGPERCAACGWRQMEWVYLLAGLVPTILG	217
QY	222	AVLLVAVFVCKSLMLKVLVLYLKIGSGGGDEPERDRSSQRGAGDNVJNEVSTLQ	281
Db	218	ATL-----TYTTRICMCPHKPLVLTADG-----MEALTPPATHLSPDLSAHTLLAP	264
QY	282	TOVPEQMEVQ-----EPAPETGVNMLSPQES-----EHLEPAAEAKSORRLLVP	328
Db	265	PDSSEKICTQVLQNGSWTPGYPETQENALCPQVYWSMDLPFRALGPAAAP-----TLSPE	319
QY	329	ANEGDPTETLR---QCPEDFADLVLPFDSWEPLMKLGLIMNEIVYAKAAEAAGHDTLYM	385
Db	320	SPAGSPAMLLQPGPOLY-DVMDAVPARMKFEVTRTLGLREAEIYAVEVEIGRFDDQYEM	378
QY	386	LKWVWKTRGRASVHTLLDALETIG	410
Db	379	LKRW--RQQDPAGGAVYVALERNG	401

RESULT 12
US-08-815-69-6
Sequence 6, Application US/08815469
Patent No. 6153402
GENERAL INFORMATION:
APPLICANT: YU, Guo-Liang
APPLICANT: NI, Jilin
APPLICANT: Dixit, Vishva
APPLICANT: Gentz, Reinert L.

APPLICANT: DILLON, Patrick J.
TITLE OF INVENTION: Death Domain Containing Receptors
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., NW, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/815,469
FILING DATE: HEREWITH
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: No. 6153402 yet Assigned
FILING DATE: 06-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,711
FILING DATE: 17-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/013,285
FILING DATE: 12-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0310003/EKS/KRM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 335 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein
US-08-815-469-6

Query Match 8.6%; Score 201; DB 4; Length 335;
Best Local Similarity 26.6%; Pred. No. 6,1e-11;
Matches 77; Conservative 35; Mismatches 92; Indels 86; Gaps 14;
QY 38 LVLVVAVALL-----VSAESALITQODLAPQOQRAAPQOKRSSPSEGL-----CPP 83
DB 8 LPLVLTAVARLSKSVNAQVTDINSKGL--ELRKTVTTVETONLEGLHHDGFCCHKPCPP 65
QY 84 GHH-----ISEGDRCISCKYGGDYSTHWNMDLFLCRLCTRCDSG---EVELSPCTTTRN 134
DB 66 GERARDCVTWAGDEPDVPCOEGKEITDKAHFSSKCRKRLCDEHGLEVEIN-CTRTON 124
QY 135 TVCOCEGTFREEDSPENKCRKCRTPGKAVGDCPTWSDIECVHKSQT-----KESGTX 187
DB 125 TKCRCKPNEFONSTVCEHCDCP-TRCEHGIIK--ECTLTSNTCKEYVKAKEVQKCRKH 181
QY 186 SGEAPAVEEIVTSSPGTPA---SPCSLSGIIIGVYAAVLIIVAVFVCKSLMKKVL 244
DB 180 LLLPLIIVWKRREVOKTCRKHREKNGSHSEPTLNPETVAINLSDVLSKYI--TTIA 237
QY 222 AVVLIIVAVFVCKSLMKKVLPLYLKIGICSGGGGDPERVDRSSORPGAEDNV 271
DB 238 GVM-----TLSQVKGFAVKNKGVNPAKIDEIK-----NDNV 267

RESULT 13
US-08-444-231-19
; Sequence 19, Application US/08444231

Patent No. 5652210
GENERAL INFORMATION:
APPLICANT: BARR, PHILIP J.
APPLICANT: SHAPIRO, JOHN P.
APPLICANT: KIEFER, MICHAEL C.
TITLE OF INVENTION: NOVEL FAS PROTEIN AND METHODS OF USE
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,231
FILING DATE: 18-MAY-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/152,443
FILING DATE: 15-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 23647-20006.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 314 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-444-231-19

Query Match 8.6%; Score 199.5; DB 1; Length 314;
Best Local Similarity 27.7%; Pred. No. 7,7e-11;
Matches 74; Conservative 36; Mismatches 96; Indels 61; Gaps 13;
QY 38 LVLVVAVALL-----VSAESALITQODLAPQOQRAAPQOKRSSPSEGL-----CPP 83
DB 8 LPLVLTAVARLSKSVNAQVTDINSKGL--ELRKTVTTVETONLEGLHHDGFCCHKPCPP 65
QY 84 GHH-----ISEGDRCISCKYGGDYSTHWNMDLFLCRLCTRCDSG---EVELSPCTTTRN 134
DB 66 GERARDCVTWAGDEPDVPCOEGKEITDKAHFSSKCRKRLCDEHGLEVEIN-CTRTON 124
QY 135 TVCOCEGTFREEDSPENKCRKCRTPGKAVGDCPTWSDIECVH-----KESGTX 187
DB 125 TKCRCKPNEFONSTVCEHCDCP-TRCEHGIIK--ECTLTSNTCKEYVKAKEVQKCRKH 181
QY 188 SGEAPAVEEIVTSSPGTPA---SPCSLSGIIIGVYAAVLIIVAVFVCKSLMKKVL 244
DB 182 RKENQSHSEPTLNPETVAINLSDVLSKYI--TTIAGVM-----TLSQV 224
QY 245 KGICSGGGGDPERVDRSSORPGAEDNV 271
DB 225 KGFYKKNGVNPAKIDEIK-----NDNV 246

RESULT 14
US-08-152-443A-19
; Sequence 19, Application US/08152443A
; Patent No. 5663070


```

GENERAL INFORMATION:
APPLICANT: BARR, PHILIP J.
APPLICANT: SHAPIRO, JOHN P.
APPLICANT: KIEFER, MICHAEL C.
TITLE OF INVENTION: NOVEL FAS PROTEIN AND METHODS OF USE
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,443A
FILING DATE: 15-NOV-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 23647-20006.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 314 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-152-443A-19

Query Match      8.6%; Score 199.5; DB 1; Length 314;
Best Local Similarity 27.7%; Pred. No. 7.7e-11;
Matches 74; Conservative 36; Mismatches 96; Indels 61; Gaps 13;

QY 38 LVLVAVAVLL-----VSASALITOODLAPQORAPQOKRSSPEGL-----CPP 83
DB 8 LPLVLSVARLSKSVNAQVTDINSKGL--ELRKVTVTETONLEGLHHDGQFCRHKPCPP 65

QY 84 GHH-----ISEDGRDCISCKYGDYSTHMDLLFCLRCTRCDSG---EVELSPCTTTRN 134
DB 66 GERKARDCTVNGDEPDCVPCQEGKEKTDKAHFSKRCRCLDCEGHGLEVEIN-CTRION 124

QY 135 TVQCCEGTFREEDSPDMCRKCRGCGPRGMVKVGDCTPMSDIECVH-----KESGTH 187
DB 125 TKCRCKPNEFCNSTVCEHCDPC-TKCEHGIK--ECTLTSNTKCKEYVRKKEVQKTCRKH 181

QY 188 SGEPAVEETVNSSPCTPA---SPCSLSGIIIGVTAAVVLIYAVFVCKSLMKKVLPLYL 244
DB 182 RKENQSHSPLINPETAVALINLSDVDLSKYI--TTIAGVA-----TLISOV 224

QY 245 KGICSGGGDPERVDRSSORPGAEDNV 271
DB 225 KGFVRKNGVNEAKIDEIK-----NDNV 246

RESULT 15
PCT-US95-17083-4
; Sequence 4, Application PC/TUS9517083
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: SECRETED HUMAN FAS ANTIGEN
; NUMBER OF SEQUENCES: 16
; CURRENT APPLICATION DATA:

```

```

APPLICATION NUMBER: PCT/US95/17083
FILING DATE: CONCURRENTLY HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/371,263
FILING DATE: 23-DEC-1994
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 314 amino acids
TYPE: amino acid
TOPOLOGY: linear
PCT-US95-17083-4

Query Match      8.6%; Score 199.5; DB 5; Length 314;
Best Local Similarity 27.7%; Pred. No. 7.7e-11;
Matches 74; Conservative 36; Mismatches 96; Indels 61; Gaps 13;

QY 38 LVLVAVAVLL-----VSASALITOODLAPQORAPQOKRSSPEGL-----CPP 83
DB 8 LPLVLSVARLSKSVNAQVTDINSKGL--ELRKVTVTETONLEGLHHDGQFCRHKPCPP 65

QY 84 GHH-----ISEDGRDCISCKYGDYSTHMDLLFCLRCTRCDSG---EVELSPCTTTRN 134
DB 66 GERKARDCTVNGDEPDCVPCQEGKEKTDKAHFSKRCRCLDCEGHGLEVEIN-CTRION 124

QY 135 TVQCCEGTFREEDSPDMCRKCRGCGPRGMVKVGDCTPMSDIECVH-----KESGTH 187
DB 125 TKCRCKPNEFCNSTVCEHCDPC-TKCEHGIK--ECTLTSNTKCKEYVRKKEVQKTCRKH 181

QY 188 SGEPAVEETVNSSPCTPA---SPCSLSGIIIGVTAAVVLIYAVFVCKSLMKKVLPLYL 244
DB 182 RKENQSHSPLINPETAVALINLSDVDLSKYI--TTIAGVA-----TLISOV 224

QY 245 KGICSGGGDPERVDRSSORPGAEDNV 271
DB 225 KGFVRKNGVNEAKIDEIK-----NDNV 246

```

Search completed: May 23, 2001, 14:19:00
Job time: 70 sec

